

Work Order ID 124357

September-11-14 12:03:19 PM

124357

Page 1

Item ID: D3648-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Tunnel Assy

2

Start Date: 9/10/14 Start Qty: 1.00

1

Cust Item ID:

Required Date: 9/10/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MLS

Date: 14-09-17

Tooling:

Date:

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N):

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr								
D3648	Rev B	✓							

100 Pick Kit 0.00

100

Packaging

Memo

0.00

2 FF OCT 15 2014

Packaging

110

110

Small Fab

0.00

OCT 15 2014

Small Fab

Memo

0.00

2 FF _____

1-Assemble as per dwg D36482- Seal mating surface and all gaps as per dwg
D3648 with Proseal 700 fire wall sealant batch: M130403

120

QC5- Inspect part completeness to step on W/O

0.00

120

QC

Memo

0.00

Quality Control

2 14-10-23 PD

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order: _____	DISPOSITION			AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									
FAULT CATEGORY									
Landing Gear				General					
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function					
				<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence					
				<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge					
				<input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled					
				<input type="checkbox"/> Other					

Work Order ID 124357

September-11-14 12:03:19 PM

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Page 2

Item ID: D3648-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Tunnel Assy

Stop

NS2

Start Date: 9/10/14 Start Qty: 1.00

1

Cust Item ID:

Required Date: 9/10/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

Identify as per dwg & Stock Location: _____

0.00

130

Packaging

Packaging

Memo

0.00

1X PPP 125144
1X PPP 125494.

JK. Sp14-10-23

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Quality Control

Memo

0.00

14/10/24 JJ

JK-10-23

DQA:

Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date: _____

Work Order update only

Work Order: _____	DISPOSITION	AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>		
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>		
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>		
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>			

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General			
	<input type="checkbox"/>	Bending	<input type="checkbox"/>	Folio/Program
	<input type="checkbox"/>	Centre Not Concentric	<input type="checkbox"/>	Grain
	<input type="checkbox"/>	Cracks	<input type="checkbox"/>	Hardware
	<input type="checkbox"/>	Crimp/Kink/Ripple/Wave	<input type="checkbox"/>	Inspection Incomplete/Unqualified
	<input type="checkbox"/>	Cuffs	<input type="checkbox"/>	Instructions Incomplete/Unclear
	<input type="checkbox"/>	Crushing	<input type="checkbox"/>	Misaligned/off center
	<input type="checkbox"/>	Heat Treat	<input type="checkbox"/>	Mislabeled
	<input type="checkbox"/>	Inspection Strip in Tube	<input type="checkbox"/>	Misread
	<input type="checkbox"/>	Marks/Chatter	<input type="checkbox"/>	Off-set
	<input type="checkbox"/>	Turning Sequence	<input type="checkbox"/>	Out of Calibration
	<input type="checkbox"/>	Wave/Twist in Tube	<input type="checkbox"/>	Out of Sequence
	<input type="checkbox"/>	Fit/Function	<input type="checkbox"/>	Outside Dimensions
	<input type="checkbox"/>	Finish	<input type="checkbox"/>	Over/Under tolerance
	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Part Incorrect
	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Part Lost/Missing
	<input type="checkbox"/>	Burrs	<input type="checkbox"/>	Part Moved
	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Positioned Wrong
	<input type="checkbox"/>	Drawing	<input type="checkbox"/>	Power Loss/Surge
	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Pressure/Forced
	<input type="checkbox"/>	Fit/Function	<input type="checkbox"/>	Set-up
	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Temperature/Cure
	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Weld
	<input type="checkbox"/>	Misaligned/off center	<input type="checkbox"/>	Wrong Stock Pulled
	<input type="checkbox"/>	Misread	<input type="checkbox"/>	Other
	<input type="checkbox"/>	Off-set	<input type="checkbox"/>	
	<input type="checkbox"/>	Out of Calibration	<input type="checkbox"/>	
	<input type="checkbox"/>	Out of Sequence	<input type="checkbox"/>	

Picklist Print

September-11-14 12:03:19 PM

Page 1

Work Order ID: 124357

124357

Parent Item: D3648-041

D3648-041

Parent Item Name: Tunnel Assy

Start Date: 9/10/14

Required Date: 9/10/14

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A New Issue 07-10-03 EC verified by: DD
 IPP Rev:B Ecn 1113P 08-01-22 DD verified by:EC
 IPP Rev:C ECN1162 08-04-02 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3C3A		Purchased	No			110	Each	957.0000	40	40		FF	OCT 15 2014

AN3C3A

Bolt

Location	Loc Qty	Loc Code
ST350	957	

D3649-041

D3649-041

Tunnel Bottom Panel Assy

Manufactured	No	Location	Loc Qty	Loc Code
		ST350	957	
		122141	6	
		124417	951	80
		110	Each	6.0000
				1
				1

FF

OCT 15 2014

D3650-041

D3650-041

Tunnel Top Panel Assembly

Manufactured	No	Location	Loc Qty	Loc Code
		ST371	6	
		114039	6	2
				1
		110	Each	1.0000
				1

2

OCT 15 2014

D3651-041

D3651-041

Aft Base Assembly

Manufactured	No	Location	Loc Qty	Loc Code
		ST183	1	
		109596	1	
		110	Each	0.0000
				1

2

OCT 23 2014

FF

DQA:

Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date: _____

Work Order update only

Work Order: _____	DISPOSITION	AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>		
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>		
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>		
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>			

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General			
	Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	
	Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	
	Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Hardware <input type="checkbox"/>	
	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Burrs <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	
	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	
	Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	
	Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	
	Inspection Strip in Tube <input type="checkbox"/>	Drawing <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	
	Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	
	Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	
	Wave/Twist in Tube <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	
			Misaligned/off center <input type="checkbox"/>	
			Misaligned/off center <input type="checkbox"/>	
			Misaligned/off center <input type="checkbox"/>	

Picklist Print

September-11-14 12:03:19 PM

Page 2

Work Order ID: 124357

124357

Parent Item: D3648-041

D3648-041

Parent Item Name: Tunnel Assy

Start Date: 9/10/14

Required Date: 9/10/14

NAS1149C0363R

Purchased

No

100

Each

799.0000

40

40

FF

OCT 23 2014

NAS1149C0363R

Washer

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST278	799	
<u>114742</u>	532	<u>80</u>
122441	7	
m128591	260	

DQA:

Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date: _____

Work Order update only

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework
 Scrap
 Use-as-is
 Suspected Unapproved

AGAINST DEPARTMENT/PROCESS

Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General			
	<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Folio/Program	<input type="checkbox"/> Outside Dimensions
	<input type="checkbox"/> Centre Not Concentric	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Grain	<input type="checkbox"/> Over/Under tolerance
	<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damage/Defect	<input type="checkbox"/> Hardware	<input type="checkbox"/> Part Incorrect
	<input type="checkbox"/> Crimp/Kink/Ripple/Wave	<input type="checkbox"/> Burrs	<input type="checkbox"/> Inspection Incomplete/Unqualified	<input type="checkbox"/> Part Lost/Missing
	<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Part Moved
	<input type="checkbox"/> Crushing	<input type="checkbox"/> Countersink	<input type="checkbox"/> Misaligned/off center	<input type="checkbox"/> Positioned Wrong
	<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Power Loss/Surge
	<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Drawing	<input type="checkbox"/> Misread	<input type="checkbox"/> Other
	<input type="checkbox"/> Marks/Chatter	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Off-set	
	<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Calibration	
	<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Fit/Function	<input type="checkbox"/> Out of Sequence	